PATENT CLAIMS

1.   A design configuration method for an automation system, characterized by the combination of design configuration data for at least one component (10, 12, 14) of the automation system in an information object (30, 40), the design configuration data comprising at least HMI data (20, 22, 24, 32, 42) and control data (16, 18, 34, 44) of the component (10, 12, 14).

2.   The design configuration method as claimed in claim 1, characterized in that the component is a machine (14) or a machine module (10, 12).

3.   The design configuration method as claimed in claim 1 or 2, characterized in that the information object (30, 40) can be processed individually.

4.   The design configuration method as claimed in one of claims 1 to 3, characterized by the combination of information objects (30, 40) to form one entire design configuration (50).

5.   The design configuration method as claimed in one of claims 1 to 4, characterized by the logic structure of the automation system and the logic structure of the components (10, 12, 14) of the automation system being displayed in the same manner of display.

6.   A device (52) for performing design configuration of an automation system, characterized by an information object (30, 40) in which design configuration data for at least one component (10, 12, 14) of the automation system is combined, the design configuration data comprising at least HMI data (20, 22, 24, 32, 42) and control data (16, 18, 34, 44) of the component (10, 12, 14).

7. The device (52) for performing design configuration of an automation system as claimed in claim 1, having a control component (60) for combining design configuration data for at least one component (10, 12, 14) of the automation system in an information object (30, 40), the design configuration data comprising at least HMI data (20, 22, 24, 32, 42) and control data (16, 18, 34, 44) of the component (10, 12, 14), having an HMI component (62) for inputting and outputting information, having a memory component (64) for storing information objects (30, 40) and having a communication system (66) for transmitting data between the components (60, 62, 64).

8. A computer program having program code means for carrying out all the steps as claimed in claim 1 when the program is run on a computer (52).

9. The computer program with program code means as claimed in claim 8, which are stored on a computer-readable data carrier.

10. A computer program product having program code means which are stored on a machine-readable carrier, in order to carry out all the steps as claimed in claim 1 when the program is run on a computer (52).